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(54) Title: METHODS AND COMPOSITIONS FOR MYCOPLASMA PNEUMONIAE EXOTOXINS

(57) Abstract: The present invention provides a *Mycoplasma pneumoniae* community acquired respiratory distress syndrome (CARDS) toxin, biologically active fragments/domains of the CARDS toxin, antibodies to the CARDS toxin and nucleic acids encoding the CARDS toxin. Also provided are methods of diagnosing, treating and/or preventing infection by *Mycoplasma pneumoniae* using the compositions provided herein.

WO 2005/032491 A3